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WANKA, J.																										13																									
RESEARCH IN THE CZECHOSLOVAK CHEMICAL INDUSTRY. Jan Wanka. Chem. Obs. 22, 112-10(1947). Jan Micka																																																			
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C# WANKA, J.

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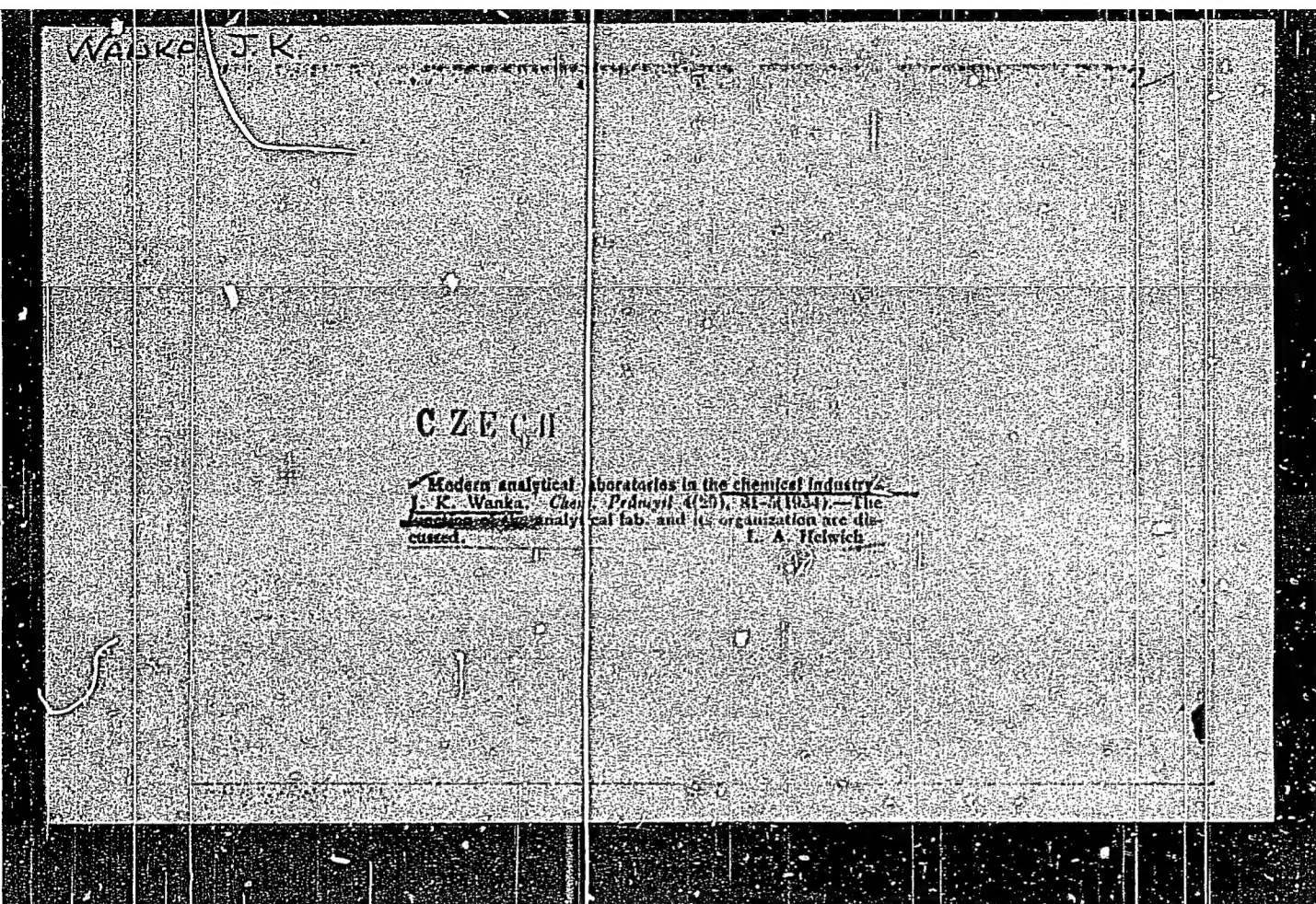
Determination of the carbonyl group by the hydrazyl-amine method. J. Wanka, M. Jurek, and P. Holacek (Research Inst. of United Chem. Met. Works, Pardubice-Rybitvi). *Czechoslov. Chem. Commun.* 14, 163-76 (1949) (in English).—A general method for the detn. of the carbonyl group (I) in aq. or alc. soln. consists of the reaction of I either with $\text{NH}_2\text{OH}\cdot\text{HCl}$ followed by titration of the liberated HCl , or with excess NH_2OH followed by titration of the unreacted base. The equivalence point is detd. potentiometrically. An Sb electrode is used if the detn. is made in aq. soln. and a bimetallic pair of Te-Pt electrodes if in an alc. soln. The method cannot be used for the detn. of Ph_2CO or for keto acids in aq. soln. Data for a variety of aldehydes, ketones, keto esters, and sugars show a comparison of the exp't. and the theoretically expected results as well as indicate the variations in time and temp. of reaction needed in the individual cases. Accuracy to within $\pm 0.3\%$ is obtainable. A review of methods for detg. I by using PhNHNH_2 and NH_2NHCN is given. 16 references. H. L. W.

WANKA, J.

CA

17

Analysis of pharmaceutical preparations. I. Chemical determination of ascorbic acid. J. K. Wanka and V. Hecut. *Chem. Listy* 43, 58-60 (1949).—A new method for the detn. of L-ascorbic acid (I) in drugs, plant concentrates, fruit juices, and other natural material is based on the oxidation of I with thionine (II). Compared to the method using methylene blue, this method is more suitable for detn. of small amts. of I. II solns. conform better to the Lambert-Beer law. Native exts. were clarified with Cd salts. The equivalence between I and II was checked. Metaphosphoric acid must be removed before the detn. Procedure: 1 ml. of a soln. contg. 0.001 mg. of I is placed in a cell, air is removed by CO₂ stream, 9 ml. of a soln. of II (1:10⁴) is added, and the cell is illuminated with a 200-w. bulb. Min. extinction is measured. The reaction is finished with II in 8-10 min., with methylene blue in 15-30 min. The difference between the original and min. extinction gives the amt. of I. M. Hudlicky



WANKE, A.

"A review of types of the human body"

p. 87 (Człowiek W. Czasie I Przestrzeni, Journal on anthropology with emphasis on biological aspects issued by the Polish Anthropological Society, Vol. 1, no. 2, 1958, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 2, No. 1, Jan. 59.

WANKE, Adam, Prof.

Research Center for Anthropology. Review Pol Academy 8 no.4:41-47
O-D '63.

1. Director, Research Center for Anthropology, Polish Academy of
Sciences, Warsaw.

WANKE, Adam, prof.

Activities of the Laboratory of Anthropology during the
years 1953-1963. Nauka polska 11 no.5:75-85 '63.

1. Zaklad Antropologii, Wroclaw.

WANKE, Adam

Report on the activities of the Institute of Anthropology of the
Polish Academy of Sciences for the years 1953-1962. Kosmos biol
12 no.2:196-205 '63.

PUELSKI, Tadeusz; WANKE, Adam

Early Pleistocene hominids from Olduvai and the problem of side
branching in the evolution of man. *Yosmos biol* 14 no.1:31-43 '65.

Wanke, J.

Use of seamless steel tubes for construction in Czechoslovakia.
(To be contd.) p. 70. ENZENYRSKE STAVBY. (Insterstvo
stavebnictvi) Praha. Vol. 4, no. 2, Feb. 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

Wanke, J.

Use of seamless steel tubes for construction in Czechoslovakia.
(Conclusion). p. 130. INZENYRSKE STAVBY. (Ministerstvo
stavebnictvi) Praha. Vol. 4, no. 3, Mar. 1956.

Source: EEAL IC Vol. 5, No. 10 Oct. 1956

WANKE, J.; SEFL, E.

Rationalization of steel constructions. p. 397. (Hutnicke Listy, Vol. 12,
No. 5, May 1957, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

WANKE, J.

TECHNOLOGY

Periodical: SDELOVACI TECHNIKA. Vol. 6, no. 11, Nov. 1958.

WAKE, J. Development of television receivers abroad. p. 414.

Monthly List of East European Accession (KEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

CZECH/14-51-3-5/29

28(1)

AUTHOR: Wanke, Jiří, Doctor, Engineer

TITLE: Information Techniques (Informační technika)

PERIODICAL: Sdělovací technika, 1959, Vol 7, Nr 3, pp 85-88 (Czechoslovakia)

ABSTRACT: This article deals with the application of weak current technology, electric calculating machines, photoelectric selectors, photo-transmission machines or electro-telegraphic reproduction in the printing and book industry. Communications research and industry occupy a leading place in this field. It is estimated that some 80,000 works appear in this field yearly all over the world. It is therefore necessary for this material to be expertly collated and classified. Information and manuscripts of this type can up to 10,000 copies be classified and evaluated manually; larger quantities can be done only via automation. Thus, there are punch and transparent card systems, the latest type of which has a capacity of 12,500 transparent cards of A5 format ✓

Card 1/2

Information Techniques

CZECH/14-~~9~~3-5/29

(micro-photos of circa 5 cm³). The cards are filed in serial order. A micro-card is photographic paper the size of a postcard with an ultra-fine grain positive emulsion. Some dozens of pages from articles and books can be retained on such a card. They are fed into a card-file and can be read with special viewers. There are 8 diagrams. ✓

Card 2/2

WANKE, Josef, prof. doktor technických ved (Praha 7, Bubenka 13)

Remarks on the Czechoslovak standard: Design of the
steel structure of antenna masts. Acta techn. Cz 9 no.2:
104-125 '64

WANKE, Josef, prof., dr., inz.

Wind pressure on linked poles and the results of wind tunnel tests.
Inz stavby ll no.3:86-05 Mr '63.

KOZŁOWSKI, Jan; JARANOWSKA-SKOWRONSKA, Irena; WANKIEWICZ, Roman

Osseous changes in the varicose syndrome. Przegl. dermat. 49 no.4:
317-323 '62.

1. Z Zakładu Dermatologii i Wenerologii Studium Doskonalenia Lekarzy
w Bydgoszczy Kierownik: dr J. Kozłowski.
(VARICOSE VEINS) (TIBIA) (FIBULA) (BONE DISEASES)

WANKOVA, Blanka

- Prague, Zvezda Library, Vol. 56, No. 5, May 62.
1. The Preparation of Super-Energy Catalysts, "Josef KUBICKA and the Scientific Institute of the Czechoslovak Academy of Sciences" (Prague, Czechoslovak Academy of Sciences), Prague, 1962, pp. 1-10.
 2. "Description of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 3. "Contribution to the Problem of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 4. "The Role of Super-Energy Catalysts in the Production of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 5. "Development of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 6. "The Role of Super-Energy Catalysts in the Production of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 7. "The Role of Super-Energy Catalysts in the Production of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 8. "The Role of Super-Energy Catalysts in the Production of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 9. "The Role of Super-Energy Catalysts in the Production of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 10. "The Role of Super-Energy Catalysts in the Production of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.
 11. "The Role of Super-Energy Catalysts in the Production of Super-Energy Catalysts," KUBICKA, JOSEF, and the Scientific Institute of the Czechoslovak Academy of Sciences, Prague, 1962, pp. 1-10.

COUNTRY: : Czechoslovakia H-30
CATEGORY :
ABS. JOUR. : RZKhim., No. 51960, No. 20264
AUTHOR : Wankova, J.
INST. : Not given
TITLE : An X-ray Method for the Quantitative Determination
of the Anatase and Rutile Modifications of TiO_2
in Mixtures
ORIG. PUB. : Chem Prumysl, 8, No 11, 577-580 (1958)
ABSTRACT : Chemical methods cannot be used in the determina-
tion of anatase (I) and rutile (II) TiO_2 in titan-
ium pigments when both are present. Starting with
the differences in the crystallographic properties
of I and II, the author has developed a quantita-
tive x-ray method for their determination. The
method is reliable in the concentration range 3-
97% for the component to be determined, with an
error of $\pm 8\%$ which is dependent on the accuracy of
the photographic registration. The application of

CARD: 1/2

WANKOVA, J.

Distr: 4E2c

Influence of alkali sulfates on the activity of vanadium pentoxide in the catalytic oxidation of sulfur dioxide. Pavel Jirš, Dáša Tomková, Vladimír Jíra, and Jarka Wanková (Inst. anorg. Chem., Ústí n. Labem, Czech.). *Z. anorg. u. allgem. Chem.* 303, 121-2(1960). X-ray diffraction data for different mixts. of V_2O_5 and Rb_2SO_4 or Cs_2SO_4 fused at 450-500° show formation of new compounds of approx. compn. $V_2O_5 \cdot Rb_2SO_4$ and $V_2O_5 \cdot Cs_2SO_4$. The catalytic activity of $V_2O_5 \cdot M_2SO_4$ (M = alkali metal) prepn. mixed with SiO_2 (V content = 6%) on the oxidn. of SO_2 increases with increasing at. no. of M over the temp. range 420-525°; at 420° the rate const. for the Rb or Cs prepn. is 9 times that for the K prepn. The activation energy is 70-80 kcal. and 30-40 kcal. in lower and higher temp. regions, resp.; the transition temp. between the 2 regions decreases with increasing at. no. of M from 525° (Li) to 460° (Rb or Cs).

Richard H. Jaquith

WANKOWICZ, J.

Poland

O nowych metodach pracy w przemyśle--Książka i Wiedza 1951

SO: Oil Wells, by Z. Onyszkiewicz, PWSZ, Warsaw 1955, Unclassified.

Distr: 4E3d/4E2e(j)

✓ The reaction of ferric nitrate with 3,5-dinitrobenzoic acid. K. Okon and K. Wancowicz (Wojskowa Akad. Tech. Warsaw). *Biol. Wojskowa Akad. Tech.* 6, No. 32, 10-23 (1957).—Aq. solns. of $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ (I) mixed with MeOH solns. of 3,5-dinitrobenzoic acid (II) in 1:2 or 2:1 molar ratio produced an amorphous brown ppt. of I.2II. The ppt. was washed with dist. H_2O and MeOH, dissolved in acetone, dild. with MeOH, and the Me₂CO evapd, giving dark brown needles in 5 days. The product was inflammable, abrasion and impact resistant, and hydrolyzable by acids or bases, mol. wt. 900 or 1050 (ebulliometrically in III, or dioxane) and 1070 or 1050 (cryometrically in acetophenone or nitrobenzene), d. 1.2370; n_D^{20} 1.5507. The formulas proposed so far were not confirmed; the new formulas are $\text{R}_2\text{O}_6\text{H}_2\text{O}$ in solid state, and $(\text{ROH})_2 \cdot 4\text{H}_2\text{O}$ in soln. [$\text{R} = 3,5-(\text{O}_2\text{N})_2\text{C}_6\text{H}_3\text{CO}_2\text{Fe}$], with the H_2O coordinated by Fe atoms.
A. Szafrański

8 71(7)

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2

JJ

ASKANAS, Alina, WANKOWICZ, Regina

Contribution to the etiology of aseptic meningitis. *Pediat. Pol.*
40 no.3:237-243 Nr.'65.

1. z Kliniki Terapii Chorob Dzieci Akademii Medycznej w War-
szawie (Kierownik: prof. dr. med. H. Zapasnik-Kobierska).

ASKANAS, Alina; BROKMAN, Henryk; WANKOWICZ, Regina

Role of viral infections in pneumococcal pneumonia. Pediat.
Pol. 40 no.9:901-904 3 '65.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie (Kierownik:
prof. dr. med. H. Zapasnik-Kobierska).

WANKOWICZ, Regina; IMBS, Daniela

A case of adenovirus type 4 infection with a severe clinical course. *Pediat. Pol.* 40 no.3:301-303 Mr '65

1. Z Kliniki Terapii Chorob Dzieci Akademii Medycznej w Warszawie (Kierownika prof. dr. med. H. Brokman) i z Zakładu Wirusologii Państwowego Zakładu Higieny w Warszawie (Kierownika prof. dr. med. F. Przesmycki).

CEGLECKA-TOMASZEWSKA, Krystyna; TAYSCH, Zofia; WANKOWICZ, Regina

Clinical diagnosis and microbiological verification of Bornholm disease (pleurodynia). *Pediat. pol.* 37 no.10:1029-1032 0 '62.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie. Kierownik: prof. dr med. H. Brokman i z Państwowego Zakładu Higieny -- Zakład Wirusologii, Pracownia Enterowirusów. Kierownik: prof. dr med. F. Przesmycki.
(PLEURODYNIA EPIDEMIC)

WANSCHIEDT, A., HARDY, GY.

Investigation of radical polymerization processes in the presence of alien substances. II. Effect of hydrocarbons, alcohols, aldehydes, ketones, esters, and acids on the polymerization of vinyl acetate. In Russian, p. 381

ACTA CHIMICA. Budapest, Hungary, Vol. 20, No. 4, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb 1960
Uncl.

WANKOWICZ, K.

Distr: 4220

✓ Structures of nitrogen pentoxide and nitric acid. Kazimierz Okoń and Kazimierz Wankowicz. *Biul. Węskowy Akad. Tech. im. J. Łukasiewicza* (Warsaw) 8, No. 48, 48-54 (1959) (English and Russian summaries).—The frequencies in cm^{-1} detd. from Raman spectra were: HNO_3 (I) m. -41° , b. 86° : 610, 680, 925, (1050), 1200, (1360), 1535, and 1670; N_2O_5 -I (20:80 vol./vol.) soln.: 610, 680, 930, (1050), 1295-1300, (1360), 1400, 1540, and 1680; EtNO_3 (II) m. -90° , b. 114° : 295, 490, 635, 870, 990, 1035, 1100, 1175, 1220, 1260, 1365, 1400, 1495, and 1560; EtONO_2 (III), r. -102° , b. 87° : 380, 570, 860, (1020), (1115), 1160, 1215, 1275, (1350), (1445), (1510), and 1635. I in org. solvents, N_2O_5 in CCl_4 , POCl_3 , or II, and aliphatic esters of I did not have a frequency of 1400 cm^{-1} . Mol. wts. of I, II, and III (method of Ramsay and Shields) were about 248, 135, and 93, resp.; of I in the vapor state (the V. Meyer method), 225. Viscosities of II and III were 0.72 and 0.57 cp. at 18° . Azine structures and their isomerism are suggested for I and N_2O_5 . A. Szafranski

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1

KAMINSKI, L., mgr ins.; PRZYBYLSKI, A., mgr ins.; WANSKI, Zb., mgr ins.

"Demonstrative handbook on automatic control techniques" by
V. Frener. Reviewed by L. Kaminski, A. Przybyski, Zb. Wanski.
Pomiary 9 no.2:92 F '63.

BLASZKOWICZ, Jan.; ROCZNIKOWA, Krystyna; WANTUCH, Stanislaw; BUKALA, Mieczyslaw.

Analytic methods in the camphor industry. I. A rapid method of determining camphene. II. A rapid method of determining isoborneol. Chem anal 4 no. 4:719-721 '59. (EAI 9:6)

1. Odzial Kamfory Zakladow Tworzyw Sztucznych "Pustkow", Pustkow k. Debicy (for Blaszkowicz, Rocznikowa, Wantuch). 2. Katedra Technologii Przemyslu Organicznego Politechniki, Wroclaw.
(Camphor) (Camphene) (Isoborneol)

1ST AND 2ND CODES										PROCESSES AND PROPERTIES INDEX									
S WANTUCHOWSKI, J.																			
<p>Influence of the Gauge Length and Shape of Test-Pieces upon the Elongation at Fracture. A. Krupkowski and J. Wantuchowski. (Annales de l'Académie Polonaise des Sciences Techniques, 1939-1945, vol. 7, pp. 1-40). A detailed study is made of the deformation of specimens in the tensile test and a formula is developed for the elongation of standard specimens. A nomograph is presented which simplifies the conversion of the elongation and reduction in area of a specimen of the standardized dimensions of one country to those standardized in another.</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION										FROM SOURCE									
SUBJECT										CLASSIFICATION									

WANTUCHOWSKI Jerzy

POLAND/Solid State Physics - Mechanical Properties of Crystals and E-10
Polycrystalline Substances

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 10732

Author : Wantuchowski Jerzy

Inst : Not Given

Title : Influence of Speed of Deformation on the Magnitude of Stresses
When Testing Specimens in Tension

Orig Pub : Arch. hutn., 1957, 2, No 1, 47-92

Abstract : A theoretical examination is made of the processes of testing materials for tension under various conditions. A general equation for the testing is derived: $d\sigma/\sigma dt = dT/P dt + dz/(1-z) dt$, where σ is the actual stress, P the load, and z the degree of inclination of the specimen. When testing for static tension, this equation remains unchanged, when testing for creep $dP/P dt = 0$ and $d\sigma/dt > 0$, in pure creep $d\sigma/dt = 0$ and $dP/dt < 0$, in relaxation $d\sigma/\sigma dt = dP/P dt$. It is shown that the existing formula of the relation between the hardness and the actual stress does not take into account the rate at which the test is performed. On the basis of a

Card : 1/2

**POLAND/Solid State Physics - Mechanical Properties of Crystals
and Polycrystalline Substances.**

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 13116

Author : Wantuchowski, Jerzy

Inst :

Title : Analysis of the Phenomenon of Creep on the Basis of
Static Tests for Tension.

Orig Pub : Arch. hutn., 1953, 3, No 3, 201-226

Abstract : Using a machine for static testing, a study was made of the influence of the method and rate of loading on the course of the creep curve. A metallic specimen was subjected first to static tests for tension up to a certain value of the load, and then to test for creep at a constant load. Both the speed of tension of the specimen in the initial phase preceding the creep of the metal, as well as the value of the constant load which determines the start of the creep phenomenon, were varied.

Card 1/2

WANTUCHOWSKI, J.

The mechanism of the processes of static tension, creep, and relaxation. Bul Ac Pol tech 8 no.3:115-122 '60. (EEAI 9:11)

1. Department of metals, Institute of Basic Technical Problems,
Polish Academy of Sciences.
(Statics) (Wire)

WANTUCHOWSKI, Jerzi; ZASADZINSKI, J.

Conditions for producing rolled aluminum cables by means of
the Properzi process at the Skawina Aluminum Plant. Koh lap
96 no.12:534-538 D '63.

1. Banayaszati es Kohaszati Akademia, Krakow.

WANYOREK, C.

WANYOREK, C.

WANYOREK, C. Proposition for a new calculation formula of the degree of plastic deformation. p. 22.

Vol. 8, no. 10, Oct. 1956

METALURGIA SI CONSTRUCTIA DE MASINI.

TECHNOLOGY

RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

WANYOREK, C.

Economization of coke by improvement of the construction and use of cupola furnaces with three-row blast boxes. p. 39.
(METALURGIA SI CONSTRUCTIA DE MANSINI. RUMANIA. Vol. 8, no. 5, May 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

WANYOREK, C.

Improvement of the quality and precision of castings by using special mineral binding materials. p. 184.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania; Vol. 11, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 9, /1959
Sept.

Uncl.

WANYOREK, C.

Castin rotors for the turbocompling of the 4 LD drilling plant. p. 238.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice
si Constructiilor de Masini si Asociatia Stinitifica a Inginerilor si
Technicienilor din Romania.) Bucuresti, Rumania; Vol. 11, no.3, Mar. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 9,^{Sept.}1959

Uncl.

Wanyorek, C.

The role of standardization in introducing new technique. p. 105.

STANDARDIZAREA. Comisiunea de Standardizare. Bucuresti, Rumania Vol. 11, no. 3, Mar. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959

Uncl.

WANYOREK, C.

Steel casting in dry molds in the Orasul Stalin Strungul Plants. p. 320

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrial Metalurgice si Constructiilor de Masini se Asociația Stiinifica si Inginerilor si Technicienilor din Romina.) Bucuresti, Rumania; Vol. 11, no. 4, Apr. 1959

Monthly List of East European Accessions (EEA I) LC Vol. 8, no. 9, Sept. 1959

Uncl.

WANYOREK, C.

Standardizing the machining allowances on the models for steel casting in handmade molds. p. 432

STANDARDIZAREA. (Oficiul di Stat pentru Standarde si Comitruful Electotehnic Romin) Bucuresii, Rumania. Vol. 11, no. 9, Sept. 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2
Feb. 1960

Uncl.

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R/009/60/01/013/046
D0015/D3001

~~18(7)~~ 18.7100

AUTHOR: Wanyorek, Constantin, Engineer

TITLE: Heat Treatment Experiments With "T 36 M 17" Cast Steel Parts

PERIODICAL: Metalurgia și Construcția de Mașini, 1960, Nr 1, pp 65 - 69

ABSTRACT: The author describes a series of experiments carried out with 120 test tubes of steel taken from a single charge of "T 36 M 17" steel, which has the composition: C = 0.40%, Mn = 1.85%, Si = 0.39%, P = 0.010%, S = 0.021%. The purpose was 1) to determine the heat treatment conditions by which the optimum properties may be attained and to determine the actual evaluation of these properties; 2) to ascertain the influence of deviations from the recommended heat treatment on these properties; 3) to compare the properties of steel cast in molds with those of the wrought-rolled steel by basing this comparison on

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R/009/60/01/013/046
DGC15/D3001

Heat Treatment Experiments With "T 36 M 17" Cast Steel Parts

the STAS standards for forged steel; 4) to establish the conditions for replacing "33 MoC 11" chrome-molybdenum steel by "T 36 M 17" steel. Various tests, described in detail by the author, were performed upon application of heat treatment, their purpose being to establish the mechanical characteristics of steel and the improvements achieved. The general conclusions arrived at for heat treatment of parts of

tongs are: annealing at 860-900°C for 2 - 3 hours and cooling in the furnace; then hardening upon

heating at 840 - 860°C and cooling in oil, followed by simple annealing for 2 hours at 650°C and cooling in water. Characteristics of tongs thus treated are: resistance, over 72 kgf/sq mm, limit of plasticity over 60 kgf/sq mm, ductility δ_5 over 12%,

resilience over 7 kgm/sq cm. These characteristics

Card 2/3

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D0015/D3001

Heat Treatment Experiments With "T 36 M 17" Cast Steel Parts

tally with the STAS regulations for "36 M 17" forged-rolled steel. The "T 36 M 17" steel has a considerably higher plasticity than that prescribed by STAS for "36 M 17" and also a resistance higher than 56 kgf/sq mm, which is the minimum required by STAS for "33 MoC 11" steel. This shows that "T 36 M 17" steel may be regarded as an adequate replacement for chrome-molybdenum steel. "33 MoC 11" steel may be replaced by "T 36 M 17" steel only if no heat resistance is required of parts manufactured from this type of steel. There is 1 set of graphs, 1 set of figures and 1 table. ✓

Card 3/3

WANYOREK, Constantin, ing.

Graphic calculation of alloy and carburization additions
requisite for founding simple steel and poor steel alloy
in electric arc furnaces. Metalurgia constr mas 13 no. 3:
188-195 Mr '61.

WANYOREK, Constantin, ing.

Ways of cutting down metal consumption in the machine construction industry. Metalurgia constr mas 13 no. 4: 335-338 Ap '61.

1. Uzina "Strungul", Brasov.

WANYOREK, Constantin, ing.

Some technological and administrative steps taken for the purpose of reducing specific metal consumption at the foundry of the Hidromecanica Plants of Brasov. Metalurgia constr mas 13 no.9:829-832 S '61.

(Rumania—Foundries) (Metals)

WANYOREK, Constantin, ing.

Possibilities of improving mechanical properties of regular gray iron by means of thermal treatment. Metalurgia constr mas 14 no. 2: 110-119 F'62.

1. Institutul politehnic, Brasov.

WANYOREK, Constantin, ing.

Concerning the general study of the solidification of the
piece-lost head system. (1) Metalurgia constr mas 14 no.6:
494-501 Je '62.

1. Institutul politehnic, Brasov.

WANYOREK, Constantin, ing.

Study of the solidification of the piece-deadhead system. Pt.2.
Metalurgia constr mas 14 no.12:1068-1076 D '62.

1. Institutul politehnic, Brasov.

WANYOREK, C., ing.

Effect of the metrological work on the economic and technical
level of a siderurgical plant. Metrologia apl 10 no.3:130-133
Mr '63.

WANYOREK, C., ind.

First Technical and Scintific Session of Heavy Industry
in Braila. Metalurgia constr mas 15 no.6:426-427 Je '63.

41542-65 EWT(m)/EWP(w)/EPF(c)/WA(d)/T/EWP(t)/EWP(b) Pr-4 IJP(c)
 JD/JG RU/0003/G/015/009/0567/0571 20
 B
 ACCESSION NR: AP5012413

AUTHOR: Wanyorak, C.

TITLE: Heat resistant and refractory steels

SOURCE: Revista de chimie, v. 15, no. 9, 1964, 567-571

TOPIC TAGS: steel, high temperature metal, metal property

Abstract: An article "for the young engineer" summarizing important points about heat resistant and refractory steels. The topics discussed include the properties of such steels, their manufacture, their uses, and simple tests for their identification and the determination of their properties. Orig. art. has 3 figures, 8 graphs, and 3 tables.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 000

and
 Card 1/1

ENCL: 00

OTHER: 007

SUB CODE: NA

JPRS

L 64923-65 EWT(d)/T

ACCESSION NR: AP5023664

RU/0018/64/000/012/0655/0658

AUTHOR: Wanyorek, Constantin

TITLE: First turboclutches produced at the "Hidrodinamica" Works

SOURCE: Constructia de masini, no. 12, 1964, 655-658

TOPIC TAGS: clutch, transmission gear, mechanical engineering

ABSTRACT: The author discusses the technical and metallurgical advantages of Novikov-type gears, describes their production at the Hidrodinamica plants, and gives some data on their successful use. The Hidrodinamica turboclutches are the first of this type produced in Rumania. Orig. Art. Incl.: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 1E

NR REF SOV: 000

OTHER: 007

JPRS

1/1 4226

WANYOREK, Constantin

Some peculiarities of the production of turboclutches equipped
with Novikov gears. Constr mas 17 no.2:92-94 F '65.

L 31727-66 T/EWP(t)/ETI IJP(c) DI/JD

ACC NR: AP6021198

SOURCE CODE: RU/0017/65/000/008/0421/0425

AUTHOR: Wanyorek, C. (Lecturer; Engineer)

21
B

ORG: Polytechnical Institute, Brasov (Institutul Politehnic)

TITLE: Characteristics of the choice of steels and heat treatment for gear wheels with Novikov-toothings

SOURCE: Metalurgia, no. 8, 1965, 421-425

TOPIC TAGS: carbon steel, low alloy steel, steel, transmission gear/OLC45 steel

ABSTRACT: Following a discussion of the specific stresses to which Novikov gears // are subjected, the author discusses the choice of the most appropriate structures. He finds carbon steels or low-alloy steels most useful, and calls attention to the importance of taking into consideration the penetration of the hardening effect which depends on the thickness of the wheels. Especially good results were obtained with special steel OLC 45; experimental data on its use in a turboclutch are presented.

Orig. art. has: 5 figures. [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 009 / OTH REF: 002
SOV REF: 001

Card 1/1 *AB*

UDC: 669.14.018.298:621.833:621.785

L 32123-66 T DJ

ACC NR: AP6023492

SOURCE CODE: RU/0018/65/000/002/0092/0094

AUTHOR: Wanyorek, Constantin

ORG: none

TITLE: Some peculiarities of the production of turbo-clutches equipped with Novikov gears

SOURCE: Constructia de masini, no. 2, 1965, 92-94

TOPIC TAGS: clutch, transmission gear

ABSTRACT: The author describes in detail two possible methods for the manufacturing of turboclutches with Novikov gears, with a view to their introduction into mass-production in Rumania. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001

Card 1/1

L 33133-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6024575

SOURCE CODE: RU/0017/65/000/003/0149/0152

AUTHOR: Wanyorek, C. (Lecturer; Engineer)

ORG: Polytechnical Institute, Brasov (Institutul Politehnic)

TITLE: Special cast irons and steels produced in crucible furnaces

SOURCE: Metalurgia, no. 3, 1965, 149-152

TOPIC TAGS: cast iron, cast steel, metallurgic furnace

ABSTRACT: The author discusses the calculation of the proportions of the metallic charge in the preparation of special steels, as well as the control of the technological process. Special emphasis is on compensating for the technological variation of carbon contents in the preparation of cast iron, and the degree of utilization of the carbon contents during carburization additions in the preparation of special steels. Orig. art. has: 5 tables. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 004

LS
Card 1/1

UDC: 669.162.275.124.8:669.141.246

0915 2508

L 33063-66 T DI

ACC NR: AF6024222

SOURCE CODE: RU/0007/65/016/010/0569/0572

AUTHOR: Wanyorek, C.--Vaniorek, K. (Engineer)

24
B

ORG: none

TITLE: Hydraulic couplings for drilling installation 4LD equipped with circle-arc (Novikov) toothed gears //

SOURCE: Petrol si gaze, v. 16, no. 10, 1965, 569-572

TOPIC TAGS: hydraulic device, transmission gear, mechanical power transmission device, petroleum industry equipment, well drilling machinery

ABSTRACT: After a description of the geometric, kinematic and operational characteristics of Novikov gears and a discussion of their many advantages, the author describes the design and manufacture of the first five hydraulic couplings equipped with such gears manufactured in Rumania. Test results and the practical conclusions derived from use for over 11,000 hours in the oil fields are presented. Orig. art. has: 5 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 009 / SOV REF: 001
OTH REF: 001

Card 1/1 pla

UDC: 622.24.054-578.4:621.833

0975 1873

L 15911-66 EWA(d)/EWP(t)/EWP(z)/EWP(b) JD

ACC NR: AP6008360

SOURCE CODE: RU/0017/65/000/001/0013/0017

AUTHOR: Wanvorenk, G. (Lecturer, Engineer)

33

ORG: Polytechnical Institute, Brasov (Institutul politehnic)

B

TITLE: Preparation in crucibles of cast irons for segments by the operative control of the grade of eutecticity and the specific cooling curves

SOURCE: Metalurgia, no. 1, 1965, 13-17

TOPIC TAGS: cast iron, silicon containing alloy, carbon, metal physical property

ABSTRACT: The author describes the use of the eutecticity coefficient to determine the quantitative ratio of silicon variation required to compensate for the variations of carbon content. This allows the preparation of cast irons with a constant degree of eutecticity although having a variety of chemical compositions. Orig. art. has: 3 figures, 5 formulas, and 2 tables. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 001

SOV REF: 002

JW

Card 1/1

UDC: 621.745.552.12:621-762.63

2

WAPIENIK, K.

WAPIENIK, K.

General principles of selecting and training metallurgic-plant workers from the point of view of industrial psychology.

p/ 369 (Hutnik) Vol. 24, No. 9, Sept. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

WAPIENIK, Karol, dr.

Working conditions for the travelling-bridge driver. Wlad hut
17 no.7/8:229-233 J1-Ag '61.

WAPIENIK, Karol, dr.

Diagnosis and prospecting in psychological testing. Hutnik P 28
nº.7/8:292-295 J1-Ag '61.

1. Instytut Medycyny Pracy Przemysłu Węglowego i Hutniczego,
Katowice.

WAPINSKI, Janusz

Warsaw, Prace Naukowe, Vol. XXIII, No 5, May 1962.

1. "Topographic Utilization of Photogrammetry," Adas
ISSNBAR, master of engineering; pp. 177-182.
2. "Photogrammetry in War," Prace, Wydział KOŁOWA,
doctor of engineering; pp. 193-197.
3. "Photogrammetry in Geological Research," Geocent Inst-
ytut Geol. Warszawa; pp. 194-197.
4. "Aerophotogrammetry and Agriculture," Wieszy Prace
Inst., master of engineering; pp. 197-200.
5. "Aerophotogrammetry and Forestry," Krytyka RUDZI,
master of engineering; pp. 201-205.
6. "Aerostereogram Used for the Determination of the Yield
Harvest in Agriculture," Prace Wydziału Inżynierii Przemysłowej,
doctor of engineering; pp. 206-207.
7. "Photogrammetry and Country Planning," Wieszy Prace
Inst.; pp. 209-216.
8. "Photogrammetry Used for Road Planning and Road Building,"
Prace Wydziału Inżynierii Przemysłowej, master of engineering;
pp. 217-220.
9. "Photogrammetric Documentation in Agriculture, Aerophoto-
grammetry and Agriculture," Prace Wydziału Inżynierii Przemysłowej, master
of engineering; pp. 221-224.
10. "Photogrammetric Methods for the Inventory of Historical
Monuments," Prace Wydziału Inżynierii Przemysłowej, master
of engineering; pp. 225-228.
11. "In Heron's Prace, Dr. Jan PROKOPI, Zakład Inst-
ytut Geol. Warszawa; pp. 229-234.

- 1/2 -

S/035/62/000/011/047/079
A001/A101

AUTHOR: Wapiński, Janusz

TITLE: The application of photogrammetry to designing and construction of roads

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 11, 1962, 13, abstract 11G103 ("Przegl. geod.", 1962, v. 34, no. 5, 215 - 213, Polish)

TEXT: The author describes the foreign (in particular, American) experience of using aerial photosurvey data in road construction. Wild's profiloscope and electric profilograph Automatic Line Plotter are briefly described. The author points out necessity of using materials of aerial photosurveys in road construction in Poland. There are 9 references.

D. K.

[Abstracter's note: Complete translation]

Card 1/1

BOGUSZEWSKI, W.; WAPNIARZ, F.

Nitrogen fertilizing as used in the rows under spring cereals. Rocznik roln rosl 82 no.3:805-835 '61.

1. Pracownia Nawozenia, Instytut Uprawy, Nawozenia i Gleboznawstwa, Gorzow.

WARAKOMSKA-GRZYCKA, Sylwia

Attempted determination of the relationship between the appearance
and clinical course of lung diseases to meteorological factors.
Pol. tyg. lek. 19 no. 18: 1840-1842 30 N'64.

1. Z II Kliniki Pediatricznej Akademii Medycznej w Lublinie
(kierownik: doc. dr. med. Antoni Gebala).

P/027/62/000/003/001/001
D218/D308

AUTHOR: Warakowski, Wojciech

TITLE: On the frequency of occurrence of particular cloud species in Poland

PERIODICAL: Przegląd Geofizyczny, no. 3, 1962, 185-191

TEXT: The aim of this work was to investigate the incidence of various types of cloud over Poland, independently of the synoptic situations or types of weather. The analysis is based on the data of 61 Polish synoptic stations, obtained during 1950-1959 (900,000 cases, including all types of cloud). It was found that Ci, Ac, St, Ns, Cu and Cb clouds exhibit a well defined annual frequency variation with a maximum and a minimum over the whole country. On the other hand, Cc, Cs, As and Sc clouds do not have such a universal variation. Ac - Sc clouds and Cu, Cb clouds show the greatest regional differences in the frequency of incidence. Ac - Sc are more common in the south-west, while Cu, Cb are more common in the north-east. The most frequent type at all stations was found

Card 1/2

On the frequency of occurrence ...

P/027/62/000/003/001/001
D218/D308

to be Ac - Sc. This may be due to the Fm air masses which are frequent in Poland. Detailed geographical cloud-species frequency charts are reproduced. There are 6 figures. ✓

ASSOCIATION: Katedra Meteorologii i Klimatologii UMCS - Lublin
(Department of Meteorology and Climatology, UMCS - Lublin)

SUBMITTED: February 22, 1962

Card 2/2

WARAKOMSKI, Wojciech

Cloudiness in Poland. Przegl. geofiz. 8 no.1/2:21-35 '63.

1. Katedra Meteorologii i Klimatologii, Uniwersytet im. Marii
Curie-Skłodowskiej, Lublin.

WARAKOMSKI, W.

"Cloudiness in Poland" by W. Okolowicz. Reviewed by W. Warakomski.
Przegl. geofiz. 8 no. 1/2: 107-108 '63.

WARASZKIEWICZ, J.

Electric vibrating tampers. Przeglad Dodatek. p. 96.

(PRZEGŁAD KOLEJOWY DROGOWY. Vol. 9, No. 7, July 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

WARAUSOVA Y. D.

TACHOVSKA, M., Dr; WARAUSOVA, V., Dr

Experiences with hyasa in poliomyelitis. Cas. lek. cask. 93 no.31-
32:868-870 6 Aug 54.

(POLIOMYELITIS, therapy,
hyaluronidase)

(HYALURONIDASE, therapeutic use,
polio.)

GRANOVATS, D.; MARKOV, M.; WARBANOV, W.

Effect of the resistance of the soft tissue of the extremities
in measuring blood pressure with Korotkoff's method. Dokl.
Bolg. akad. nauk 15 no. 3:333-336. '62.

(BLOOD PRESSURE) (LEG blood supply)

WARBANOV, W. [Vurbanov, V.]

Comparative study by the Korotkov method of the sound phenomena in the femoral and brachial arteries of both younger and older people. Doklady BAN 15 no.3:337-340 '62.

1. Physiologisches Institut der Bulgarischen Akademie der Wissenschaften. Predstavleno akad. D. Orakhovats [Orakhovats, D.], chlen Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii Nauk."

WARBANOV, W.

Comparative studies on reactive hyperemia of the upper and lower extremities in young and aged subjects. Dokl. bolg. akad. nauk. 15 no.7:795-798 '62.

1. Vorgelegt von Akademienmitglied D. Orahovats.
(HYPEREMIA) (EXTREMITIES) (AGING)

~~WARRANOW, W.~~ [Vurbanov, V.]

Comparative arterial oscillographic studies of the forearms
and shins of young and older people. Doklady BAN 16 no.2:
201-204 '63.

1. Physiologisches Institut der Bulgarischen Akademie der
Wissenschaften. Vorgelegt von Akademienmitglied D. Orachovats
[Orakhovats, D.].

WARBANOV, W. [Vurbanov, V.]

Age and profession as factors of the changes in the rate of pulse wave in the limbs. Doklady BAN 16 no.3:321-324 '63.

1. Vorgelegt von Akadem.mitglied D. Orakhovats [Orakhovats, D.] [deceased].

WARCHAL, B.

SCIENCE

Periodicals: PRZEGLAD GEODEZYJNY. Vol. 14, no. 2, Feb. 1958.

WARCHAL, B. A uniform geodetic net for mining maps in Upper Silesia.
p. 41.

Monthly List of East European Accessions (EMEI) LC Vol. 8, No. 4,
April 1959, Unclass.

LEMPART, Stanislaw, inz.; KACPRZAK, Kazimierz, inz.; ORLINSKI, Henryk, mgr;
ORNACKI, Jan, inz.; WARCHAL, Boguslaw, mgr inz.; WOJCIECHOWSKI, Jacek,
mgr inz.

Analysis of the utilization of supporting pillars with concrete
stowing. Rudy i metale 6 no.9:389-394 S '61.

WARCHALOWA, Maria; BAZANT, Janina

Effect of potassium on the growth of beets infected with beet yellow virus. Acta microbiol. pol. 11 no.4:359-362 '62.

1. Z Pracowni Fizjologii Zywienia Roslin IUNG w Pulawach.
(PLANT VIRUSES) (POTASSIUM)

WARCHALOWSKA-KIETLINSKA, ZOFIA

Miernictwo na usługach inżynierii; geodezja stosowana. Wyd. 3. Warszawa,
Państwowe Przedsiębiorstwo Wydawn. Kartograficznych, 1952. 419 p. [Surveying
in the service of engineering; applied geodesy. 3d ed. illus., bibl., diagrs., tables]

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

WARCHALOWSKA-KINTLINSKA, ZOFIA.

Miernictwo na uslugach inzynierti. Wyd. 4. popr. i uzup. Warszawa, Arkady. 1957.
463 p. (Surveying in the service of engineering. 4th ed., rev. and enl. illus.,
maps, bibl., diagrs., tables)

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

POLAND/Chemical Technology. Chemical Products and Their
Application. Part 3. - Carbohydrates and Their
Treatment.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72147.

Author : Krystyna Duszyńska, Andrzej Warchalowski.

Inst :

Title : Difficulties in Beet-Sugar Production Connected
With Changes in Composition of Beet Pulp.

Orig Pub: Gaz. cukrown., 1957, 59, No 12, 321-324.

Abstract: A description of physico-chemical changes in the
beet pulp under the influence of the outside medium
is made. The change of the beet pulp composition
in the operating period of 1956-1957 (the amounts
of cellulose, hemicellulose and pectin substances
was determined), as well as the properties of the

Card : 1/2

POLAND/Chemical Technology. Chemical Products and Their
Application. Part 3. - Carbohydrates and Their
Treatment.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72147.

decomposition products were studied. The total
decrease of the pulp quantity (mainly at the
expense of pectin substances) was 0.13%, which
resulted in a decrease of the pressed pulp yield
and an accumulation of decomposition products
(mainly compounds of molecular weight above 5,000)
in the diffusion juice (up to 350 g per liter). The
presence of non-sugars hampers the purification and
crystallization of the juice.

POLAND / Chemical Technology. Chemical Products and H-26
Their Applications. Carbohydrates and Their
Processing.

Abs Jour: Ref Zhur-Khiniya, No 3, 1959, 9927.

Author : Warchalowski, A.
Inst : Not given.
Title : Comparative Evaluation of Cold and Hot Digestion.

Orig Pub: Gaz. cukrown., 1958, 40, No 3, 77-80.

Abstract: Determinations of sucrose content in beets were conducted by hot and cold aqueous digestion. A comparative mathematical analysis of the results obtained is given. Cold digestion is less laborious, and gives lower deviations between duplicate determinations with the same accuracy. --
Ya. Shteynberg.

Card 1/1

DZIAŁEK, E.; WARCHALOWSKI, J.

Attempted Congo red therapy of lateral sclerotic atrophy. *Neur. &c. polska* 6 no.2:229-232 Mar-Apr 56.

1. Z Kliniki Chorob Nerwowych A.M. w Łodzi Kierownik: prof. dr. E. Herman, Klinika Chorob Nerwowych A.M. w Łodzi, ul. Kopcińskiego 22.

(AMYOTROPHIC LATERAL SCLEROSIS, therapy,

Congo red (Pol))

(ANILINE DYES, therapeutic use,

Congo red in amyotrophic lateral sclerosis (Pol))

WARCHALOWSKI, Jerzy, (Lodz, Klinika Chorob Nerwowych, ul. Kopcinskiego 22)

Considerations on Unverricht-Lundborg's myoclonus epilepsy with special reference to 10 cases. *Neur. &c. polska* 7 no.1:17-27 Jan-Feb 57.

1. Z Kliniki Chorob Nerwowych A. M. w Lodzi. Kierownik: prof. dr. E. Herman.

(EPILEPSY, case reports,
myoclonus Unverricht-Lundborg's (Pol))

WARCHALOWSKI, Jerzy [deceased]; JUS, Karolina

Electroencephalographic and electromyographic studies in myoclonus
epilepsy of Unverricht and Lundborg. Neurologia etc. polska 11
no.5:635-645 '61.

1. Z Kliniki Chorob Nerwowych AM w Lodzi Kierownik: prof. dr E.Herman
i z Kliniki Psychiatrycznej AM w Warszawie Kierownik: prof. dr
J.Handelsman.

(EPILEPSY diag)

(ELECTROENCEPHALOGRAPHY)

(ELECTROMYOGRAPHY)

WARCHALSKI, A.

WARCHALSKI, A. Competition for the best work on the economic results of the application of standardization. p. 730. Vol. 23, no. 12, Dec. 1955.
NORMALIZACJA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

LESZCZYNSKI, Franciszek; WROBEL, Czeslaw; SULARZ, Ziemowit; WARCHEL, Eugeniusz;
KEIM, Jerzy

The need for engineering correspondence courses in Breslau. Przegl
geod 34 no.3:122-124, Mr '62.

STEFFEN, Jan; ADAM, Włodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czesław;
WARCHOL, Jerzy

Acute mercury intoxication in the dog; a functional and autoradiographic study. Acta med. Pol. 6 no.1:15-30 '65

1. Department of General and Experimental Pathology, Medical Academy, Poznań (Director: prof. dr. A. Horst); II Ind Medical Department, Medical Academy, Poznań (Director: prof. dr. J. Roguski) and Department of Histology and Embryology, Medical Academy, Poznań (Director: prof. dr. Mietkiewski).

WARCHOL, Jerzy Bozydar

Effect of ACTH and of small doses of insulin on some histochemical reactions of the liver and diaphragm in white rats. Endokr. Pol. 13 no.2:149-158 '62.

1. Zakład Histologii Prawidłowej i Embriologii A. M. w Poznaniu
Kierownik: prof. dr K. Mietkiewski.

(CORTICOTROPIN pharmacol) (INSULIN pharmacol)
(LIVER pharmacol) (MUSCLES pharmacol)
(PHOSPHATASES metab) (GLYCOGEN metab)

MARCHOL, T.

Training of lower technical personnel for the textile and clothing industries.
p. 141. (MOTORYZACJA, Vol. 5, No. 3, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No.12, Dec.
1954, Uncl.

WARCHOLIK, S.

The tomb of a religious reformer of the 16th century has been discovered in Bochnia.

P. 5 (TURYSTA) Poland, No. 8, Apr. 1957.

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957.

WARCZAK, Tadeusz

Summation of the precongressional debates in the Pafawag Works
in Wroclaw. Przegl techn no.51:9 21 D '60.

WARCZAK, T.

Artist and engineer in close cooperation. Przegl techn
[84] no144:8 4 N '62.